



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

July 14, 2010
Subject: **Passenger Ferry Construction**
Federal Project No: STP-1745(500)S
State Pin No.017455.00
Amendment No. 4

Dear Sir/Ms:

The following questions have been received:

Question: Thrust bearing specifications – Spec section 15.3 describes the installation of the SKF thrust bearing and specifics about that bearing but doesn't give any technical specifications and information to select a replacement.

The SKF bearing was a custom modified bearing according to our SKF distributor. In order to find a replacement we need the information supplied to SKF to design the original bearing such as;

1. Forward and aft thrust expected and any shock loading that should be factored in.
2. Shaft speed is assumed to be 514 rpm.
3. Any specific requirements on the lubrication system (grease or oil).
4. Any specific requirements on the alarm system. High temperature would be required and low oil if the bearing is oil lubricated.

Response: The information that should be used when considering the thrust bearing requirements is:

- Annual operating hours of 5000.
- Fwd thrust underway 7000 #, 12,000 # bollard pull, aft thrust 60% fwd thrust.
- Alarms and lubrication as per specifications.
- Reduction gear ratio 3.5:1.

Question: Sheathing Window Boxes – Spec section 7.5 calls for painted steel boxes around the windows. Spec section 3.5 (Windows) calls for stainless window boxes. At the bidders' conference boat inspection, John Hunter indicated that the window boxes were steel and not stainless but it never got into the actual questions. Is it correct that the window boxes are painted steel?

Response: The answer to the question is painted stainless steel.

Question: There is a conflict in Spec section 7.3 calling for 1" hullboard per note 19. Note 19 calls for 3" blankets. In order to keep a 7ft ceiling height and wrap the face of the



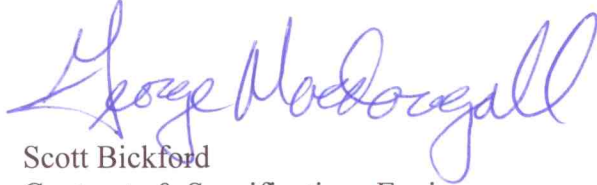
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girders we will need to use the blankets which are somewhat compressible. Are the blankets correct?

Response: General Note 19 of Dwg 283-62-601 is to be followed.

Consider this information prior to submitting your bid on **July 21**, 2010

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Bickford".

Scott Bickford
Contracts & Specifications Engineer

A handwritten signature in blue ink, appearing to read "For".